

**ABSTRACT OF THE DISCLOSURE**

5        Provided are methods, data processing systems,  
recovery components and computer programs for recovering  
from failures affecting data repositories. In a data  
processing system in which updates applied to a data  
repository are applied within transactional units of  
work, a secondary copy is stored of data items held  
within the data repository and updates applied to the  
10       data repository within transactional units of work. In  
response to a failure affecting a primary copy of the  
data repository, the secondary copy is used to identify a  
set of operations required for restoring data items and  
applied updates to the primary copy of the data  
15       repository. The set of operations are analyzed to  
determine the state, at the time of the failure, of each  
unit of work corresponding to one or more operations of  
the identified set of restore operations. Restore  
operations of the identified set are then performed if  
20       performance is consistent with the determined state of  
the corresponding unit of work, but restore operations  
for which performance is inconsistent with the determined  
state of the corresponding unit of work are disregarded.  
The method enables efficiency improvements for recovery  
25       processing.